

§ 57.14131

30 CFR Ch. I (7–1–00 Edition)

(2) Alterations or repairs on ROPS shall be performed only with approval from the ROPS manufacturer or under the instructions of a registered professional engineer with knowledge and experience in ROPS design. The manufacturer or engineer shall certify that the ROPS meets the applicable performance requirements.

(f) *Exemptions.* (1) This standard does not apply to—

(i) Self-propelled mobile equipment manufactured prior to July 1, 1969;

(ii) Over-the-road type tractors that pull trailers or vans on highways;

(iii) Equipment that is only operated by remote control; and

(2) Self-propelled mobile equipment manufactured prior to October 24, 1988, that is equipped with ROPS and seat belts that meet the installation and performance requirements of 30 CFR 57.9088 (1986 edition) shall be considered in compliance with paragraphs (b) and (h) of this section.

(g) *Wearing seat belts.* Seat belts shall be worn by the equipment operator except that when operating graders from a standing position, the grader operator shall wear safety lines and a harness in place of a seat belt.

(h) *Seat belts construction.* Seat belts shall meet the requirements of SAE J386, "Operator Restraint Systems for Off-Road Work Machines", 1985; or SAE J1194, "Roll-Over Protective Structures (ROPS) For Wheeled Agricultural Tractors", 1983, as applicable, which are incorporated by reference.

(i) *Seat belt maintenance.* Seat belts shall be maintained in functional condition, and replaced when necessary to assure proper performance.

(j) *Publications.* Publications incorporated by reference in this section have been approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a). Copies are available from the Administrator for Metal and Nonmetal Mine Safety and Health, MSHA, 4015 Wilson Blvd., Arlington, Virginia 22203, and may be examined at any Metal and Nonmetal District Office. Copies may also be obtained from the Society of Automotive Engineers, 400 Commonwealth Drive, Warrendale, PA 15096.

[53 FR 32528, Aug. 25, 1988; 53 FR 44588, Nov. 4, 1988; 60 FR 33722, June 29, 1995]

§ 57.14131 Seat belts for surface haulage trucks.

(a) Seat belts shall be provided and worn in haulage trucks.

(b) Seat belts shall be maintained in functional condition, and replaced when necessary to assure proper performance.

(c) Seat belts required under this section shall meet the requirements of SAE J386, "Operator Restraint Systems for Off-Road Work Machines", 1985, which is incorporated by reference in accordance with 5 U.S.C. 552(a).

(d) Publications incorporated by reference in this section have been approved by the Director of the Federal Register in accordance with 5 U.S.C. 552(a). Copies are available from the Administrator for Metal and Nonmetal Mine Safety and Health, MSHA, 4015 Wilson Blvd., Arlington, VA 22203, and may be examined at any Metal and Nonmetal District Office. Copies may also be obtained from the Society of Automotive Engineers, 400 Commonwealth Drive, Warrendale, PA 15096.

§ 57.14132 Horns and backup alarms for surface equipment.

(a) Manually-operated horns or other audible warning devices provided on self-propelled mobile equipment as a safety device shall be maintained in a functional condition.

(b)(1) When the operator has an obstructed view to the rear, self-propelled mobile equipment shall have—

(i) An automatic reverse-activated signal alarm;

(ii) A wheel-mounted bell alarm which sounds at least once for each three feet of reverse movement;

(iii) A discriminating backup alarm that covers the area of obstructed view; or

(iv) An observer to signal when it is safe to back up.

(2) Alarms shall be audible above the surrounding noise level.

(3) An automatic reverse-activated strobe light may be used at night in lieu of an audible reverse alarm.

(c) This standard does not apply to rail equipment.